

Appl. No. 09/741,666  
Amendment/Response  
Reply to Office action of 12 March 2003

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Sub B7  
1. (currently amended) Plasma display device comprising a dielectric layer (5, 9, 28) separating electrodes (2, 4, 3, 8, 25, 24) from a discharge chamber (11, 22), characterized in that wherein the dielectric layer (5, 9, 28) comprises includes a transparent metal oxide matrix in which alkyl groups are present.

a  
2. (currently amended) ~~Plasma display device as claimed in~~  
The plasma display device of claim 1, characterized in that  
wherein the dielectric layer (5, 9, 28) is thicker than 10  
micrometers.  
~~Plasma display device as claimed in claim 2, characterized in~~  
~~that the dielectric layer is thicker than 15 micrometer.~~

3. (currently amended) ~~Plasma display device as claimed in~~  
The plasma display device of claim 1, characterized in that  
wherein the dielectric layer comprises includes more than one sub-layer.

4. (currently amended) ~~Plasma display device as claimed in~~  
The plasma display device of claim 1, characterized in that  
wherein the transparent metal oxide is silicon oxide.

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5. (currently amended) ~~Plasma display device as claimed in~~  
The plasma display device of claim 1, characterized in that  
wherein the alkyl group is methyl or ethyl.

6. (currently amended) ~~Plasma display device as claimed in~~  
The plasma display device of claim 5, characterized in that  
wherein the alkyl group is methyl.

7. (currently amended) ~~Plasma display device according to The~~  
plasma display device of claim 1, characterized in that wherein  
a layer ~~(33)~~ absorbing radiation having a wavelength  $\lambda \geq 175$  nm  
is present between the dielectric layer ~~(5, 9, 2, 8)~~ and the  
discharge chamber ~~(11, 22)~~.

a 8. (currently amended) ~~Plasma display device according to The~~  
plasma display device of claim 7, characterized in that wherein  
the absorbing layer ~~(33)~~ comprises includes zirconium oxide  
oxide.

9. (currently amended) Method of manufacturing a plasma  
display device comprising electrodes ~~(2, 3, 4, 8, 24, 25)~~ and a  
discharge chamber, ~~(11, 22)~~ in which device a dielectric layer  
~~(5, 9, 28)~~ is provided in between the electrodes and the  
discharge chamber, characterized in that wherein a precursor  
layer is applied to a substrate ~~(1, 7, 23)~~ comprising  
electrodes, the precursor layer comprising a metal alkoxide  
comprising, bound to the metal atom, an alkyl group and alkoxy  
groups, and said precursor layer is subsequently converted to  
the dielectric layer.

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10. (currently amended) ~~Method as claim in~~ The method of claim  
8, ~~characterized in that wherein~~ the alkyl group is methyl or  
ethyl

11. (currently amended) ~~Method as claimed in~~ The method of  
claim 8, ~~characterized in that wherein~~ the pre-cursor layer is  
applied by dip-coating, preferably in more than one layer.

12. (new) The plasma display of claim 2, wherein the  
dielectric layer is thicker than 15 micrometers.